

SECRET

DIRECTOR OF CENTRAL INTELLIGENCE

Security Committee

Research and Development Subcommittee

Minutes
One Hundred Eighty Ninth Meeting
21 March 1985, 1330 Hours
Ames Building

ATTENDEES

R. J. Solan, Secret Service

George A. Sumner, Department of Army

Paul W. Von Stein, Department of Army

25X1

[redacted], Central Intelligence Agency

25X1

[redacted], Central Intelligence Agency [redacted]

25X1

[redacted], Central Intelligence Agency

25X1

[redacted], Central Intelligence Agency [redacted]

25X1

25X1

[redacted], Central Intelligence Agency

Barry D. Baxley, Air Force

25X1

[redacted], National Security Agency

25X1

[redacted], National Security Agency

Ernest Terrazas, Federal Bureau of Investigation

Edward Morthimer, Secret Service

Larry D. Wilcher, Interagency Training Center

Alan Petit, SECOM

F. K. Crosher, Department of State

Robert A. Bryan, Department of State

1. The Minutes of the February R&D Subcommittee meeting were read and approved, as amended

2. Mr. Paul Von Stein has recommended that the Army, as one of its priority items, discourage further attempts to create document protection systems. These systems are not effective and offer a false sense of security. He suggested that a group get together to discuss this idea. A lot of money is tied up in that area right now and he feels it is being wasted. 25X1

SECRET

SECRET

25X1 3. [] reporting for the Secure Conference Room Working Group, said that the \$6.4 million had been released from the contingency fund to this group. He noted that [], chairman of the Working Group, and various other Agency people were at GE checking on the production of secure conference rooms. 25X1

4. Mr. Crosher said that the State Department now has the first pre-production secure conference room. It measures 12 feet x 24 feet. Anyone wanting to see this room should contact Mr. Crosher, who will make the necessary arrangements. The room will be available for inspection, locally, for six months to a year.

5. Mr. Terrazas described the Telephone Security Working Group and how it operates. The Working Group meets once a month to discuss telephone-related matters and telephone instruments. Personnel identify a telephone that they feel has been compromised. The Working Group then votes on whether they should test the instrument. The Interagency Telephone Lab (ITL) does the actual testing. The Working Group is planning to do a study on [] 25X1 []. They tested the [] that was modified for use by the Secret Service for the White House and found no problems with it. They are also planning a study of the [] The FBI 25X1 is the Executive Agency for the ITL.

25X1 6. [] noted that SECOM has assigned priorities and dollar values to the list of projects for FY 1985. A copy of this list is attached. It is now necessary to determine which Agency is to pick up the projects assigned to the R&D Subcommittee. Judging by the background information provided, the four projects under Personnel Security have already been assigned. In the Computer Security program, the National Bureau of Standards has an ongoing program in this area and will receive the \$40,000 funding. What is needed is an industry-wide set of standards. We have been tasked to come up with guidelines that will be applicable to a classified environment. The Security Awareness project is being handled by the Security Awareness and Education Subcommittee of SECOM.

7. In discussing the Emergency Sanitization of Magnetic Storage Media project in the Physical Security program, [] said that 25X1 TSD has an ongoing FY 1984 effort with ORD. The \$50,000 to be spent in FY 1985 will be handled by OTS. Mr. Petit said that NSA put out a standard in 1976 setting the field strengths required to totally degauss magnetic material. Are these degaussing levels still appropriate or has the state of the art made them obsolete? This money will be used to examine the R&D work and to use the results to reevaluate existing standards and formulate new standards if necessary. This year the money may be a bit soft. Mr. Petit said he was not sure what further work can be done at this point. The money may be available, but it is not an appropriate activity for the R&D Subcommittee at this time. The \$25,000 assigned for support of the counterterrorism efforts of the SECOM Armor and Protective

SECRET

SECRET

Systems Working Group was then discussed. Mr. Petit said that the \$25,000 is only for external contracts. SECOM will provide the money for the requisitioning of any equipment that remains to be bought. He suggested that we should be sure that Mr. Pisenti, chairman of the Working Group, understands this.

25X1 8. Mr. Sumner pointed out that there is no effective degausser
25X1 for the new high-energy tapes. Ninety dB is not good enough for
these new tapes. NSA never buys any of the new style tapes; they
buy only the old ones so that they do not have the problem of
degaussing. [] replied that we are looking for a standard
of degaussing that will be acceptable regardless of the type of
tapes being used. [] said that he would find out who in
NSA is doing a study and report on it. [] said that at the
next meeting we would discuss any information [] might
uncover. 25X1

9. Mr. Von Stein said that an anti-compromise emergency
destruction program was started after Iran. Several suggestions
were submitted, but no one has evaluated the suggestions. There is
a need in that area.

10. Mr. Petit stated that a lot of money could be saved by
being able to return disc packs to the manufacturer for maintenance
and refund. We cannot currently do that because we are uncertain
that everything has been erased. If we could determine the level at
which we are sure destruction has occurred, we would be able to
return the packs.

25X1 11. [] noted that ORD has ongoing programs in both
projects of the Technical Security area. Mr. Petit reported that at
its meeting that morning the TSCS had recommended that the One-sided
Wall Imaging project go to ORD []. In 25X1
discussing the project on Transducer Detection, Mr. Petit mentioned
that OTS has an effort in []. Mr. Petit suggested a 25X1
merged effort between the R&D Subcommittee non-magnetic transducers
and the TSD transducer detection study. [] asked if the 25X1
money should be split between ORD and OTS. ORD will go thermal;
there are several ideas they would like to look into. [] 25X1
said he would check with [] about splitting the \$108,000.

12. The final category, Unauthorized Disclosures, is being
handled by other subcommittees.

25X1 13. [] pointed out that Mr. Von Stein had discovered
inconsistencies in document destruction standards and has discussed
them at previous meetings. We would now like to come to an
consensus on whether to approach SECOM about changing the
destruction standards. [] pointed out that an IC/GSA
Interagency Committee for Security Equipment has the charter to
address standards and make recommendations. He said that they had
this on their agenda on 1 November so the subject has been

SECRET

surfaced already. Mr. Von Stein replied that we are discussing standards for the residue which is defined by the specs. The security screen specified is of an overkill size, i.e., the apertures are too small. Asked if SECOM could approach the IC/GSA committee instead of approaching GSA, Mr. Petit responded that it could. The Physical Security Working Group has just been upgraded to a Subcommittee, and they have close coordination with the Interagency Committee for Security Equipment (IACSE). At the time this Working Group was started, GSA had not convened the IACSE panel for several years, but the panel is now active. SECOM could pass the suggested change to our Physical Security Subcommittee and ask that it be passed along to IACSE. Mr. Von Stein said that he had been told that IACSE will not attempt to change the standards for the particle size. If we think there should be a change in these standards, Mr. Von Stein suggested asking SECOM to recommend that GSA take action. [] noted that the different size would result in no degradation in the level of security; it merely increases the throughput and lengthens the life of the machines.

14. A vote was taken on two issues: 1. Whether a uniform particle size standard for the Government should be recommended; and 2. Whether the particle size suggested by Mr. Von Stein should be recommended to GSA. Both issues were passed unanimously. Mr. Petit said that SECOM would merely forward these recommendations to IACSE, but SECOM would not second our recommendation. Mr. Von Stein reiterated that we are talking about conventional paper documents. He also asked for directives from the different agencies about how they are handling these documents now.

15. [] read a memorandum that Dr. Eckman had received from SECOM asking him to provide information on suggested projects that were not being addressed because of lack of funds. [] said he was writing a response to this memorandum. He asked for input on R&D projects that should be pursued but are not being done because of budgetary restraints. Mr. Von Stein submitted four written suggestions.



SECRET

SECRET

25X1

17. Mr. Sumner asked if we had considered using Industrial Security Associates (ISA) as a development-type contractor. Mr. Bryan said changes had been discussed with them, but they are shipping models out of the country as fast as they can make them. Even the Chinese have bought the models. So we probably do not want to go with them. But we do need units with more up-to-date parts in them. Household Data Systems was suggested as a possibility.

18. Mr. Solan asked if State was interested in the [redacted]. Mr. Bryan said what they wanted was a replacement for the FXR equipment. The [redacted] is larger and more expensive and is really a complementary piece of equipment. Mr. Solan mentioned that Livermore has come back and said they would build more [redacted], in quantities of ten or twelve, once we evaluate the units--probably some time this fiscal year. If Livermore finds that some upgrading is necessary, they will do that. The present guess on the cost per unit is \$80,000-90,000, which is much cheaper than going out to industry for the purchase but more expensive than we originally thought. Livermore wants to do more work in that technology for other areas; they also want to keep a hand on the equipment. Both the equipment and the manuals are SECRET.

25X1

25X1

19. The next meeting of the Subcommittee is scheduled for 18 April at 1330 hours in the Ames Building.

SECRET